

ABSTRACT OF THE DISCLOSURE

A method and a data network for automatically configuring to a parameterizing surface for peace one controller of machine tools or production machines are described. An actual machine topology is determined via a data network when the machine starts up and compared with stored desired machine topologies. If the actual machine topology differs from the desired machine topology, a corresponding dedicated parameterizing surface is generated from the determined actual machine topology, whereby for parameterizing the controller of the machine only the parameters and/or functions of the identified machine components are indicated to the user. In this way, a dedicated parameterizing surface matching the actual machine configuration can be easily generated.